

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 03/03171

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C04B 7/43, F27B 7/20, F23J 15/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C04B, F27B, F27D, F23J, F23G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6325620 B1 (OTTO HEINEMANN), 4 December 2001 (04.12.01), abstract --	1-10
A	US 4576644 A (WOLF GOLDMANN), 18 March 1986 (18.03.86), abstract --	1-10
P,A	US 2003/0056935 A1 (HANS-WILHELM MEYER ET AL), 27 March 2003 (27.03.03), abstract --	1-10
A	WO 9310884 A1 (F.L. SMIDTH & CO. A/S), 10 June 1993 (10.06.93), abstract --	1-10

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

27 October 2003

Date of mailing of the international search report

12 8 -10- 2003

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5927967 A (KLAUS BAUER ET AL), 27 July 1999 (27.07.99), abstract --	1-10
A	EP 0228111 A1 (METALLGESELLSCHAFT AG), 8 July 1987 (08.07.87), abstract -- -----	1-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

06/09/03

International application No.
PCT/IB 03/03171

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
US	6325620	B1	04/12/01	DE 19936375 A	08/02/01
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